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P-6125

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: LE STRAT et al.)
)
Serial No.: 09/759,843)
)
Filed: January 12, 2001)
)
For: PROCESSING METHOD AND DEVICES FOR)
SENDING INFORMATION SYMBOLS OVER)
MULTIPLEXED CHANNELS CORRESPONDING)
PROCESSING METHODS AND DEVICES FOR)
RECEPTION)
)
Art Unit: Unknown)
)
Examiner: Unknown)

BOX Petitions
Assistant Commissioner for Patents
Washington, D.C. 20231

03/27/2001 TBESHAH1 00000038 182284 09759843 **PETITION TO MAKE SPECIAL**

04 FC:122 130.00 CH

Sir:

In accordance with 37 CFR 1.102 (MPEP 708.02) Applicants hereby petition that special status be accorded to the above-identified application. The fee set forth in 37 CFR 1.17(I) accompanies this Petition.

A pre-examination search was conducted. Applicants enclose herewith a copy of a search conducted by the European Patent Office in the prosecution of the corresponding French patent application 00-00494. Copies of the references cited in the European Search Report are enclosed.

Detailed Discussion Of References (MPEP § 708.02, VIII)

3G TS 25.212, version 3.0.0 published in October 19, 1999 by the Third Generation Partnership Project (3GPP).

As a preliminary matter, detailed commentary regarding this reference is included in the introductory part of the specification (page 3, line 22 - page 12, line 18 and figures

W094/24481 (Grimlund et al.) discloses a compressed mode scheme wherein the transmission gap is provided by reducing the CDMA spreading factor (scheme referred to as "method B" in the present application, see page 11, lines 34-39).

EP 0 996 301 (Voyer et al.), corresponding to the international patent application WO 99/55104, discloses a UMTS compressed mode scheme suitable for monitoring OSM channels and relying on an adjustment of the coding rate and a suitable distribution of the gaps within the UMTS superframe.

US patent 4,908,827 (Gates) also pertains to the field of punctured convolutional codes. It is not relevant to the present application, essentially for the same reasons as the Golding et al. reference.

US patent 5,933,431 (Ko) discloses a frame base modulus interleaver used in digital communications systems. The interleaver is adapted to ensure that all of the data blocks present in an input frame are output in a single output frame. The document fails to disclose or suggest how a puncturing scheme can be applied to create a transmission gap in a CDMA communications system.

In summary, Applicants submit that claims 1-6, 8-13, and 15-20 are novel and non-obvious in view of the references located in the search which are deemed most closely related to the subject matter encompassed by the claims. Therefore, Applicants believe to be patentable over the prior art.

The Examiner is invited to telephone the undersigned attorney at the below-listed number if a telephone interview would expedite prosecution.

Respectfully submitted,



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Washington, D.C. 20231

**COPY OF SEARCH REPORT IN SUPPORT
OF PETITION TO MAKE SPECIAL**

Sir:

The attached search report and references are being submitted in support of the Petition to Make Special.

The Examiner is invited to telephone the undersigned attorney at the below-listed number if a telephone interview would expedite prosecution.

Respectfully submitted,

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

Applicant(s): Le Strat et al.

Docket No.

P-6125

Serial No.

09/759,943

Filing Date

January 12, 2001

Examiner

Unknown

Group Art Unit

Unknown

Invention: **PROCESSING METHOD AND DEVICES FOR SENDING INFORMATION SYMBOLS OVER
MULTIPLEXED CHANNELS CORRESPONDING PROCESSING METHODS AND DEVICES FOR RECEPTION**

I hereby certify that this Petition to Make Special*(Identify type of correspondence)*

is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The

Assistant Commissioner for Patents, Washington, D.C. 20231 on

March 20, 2001*(Date)*Jonathan D. Feuchtwang*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***Note: Each paper must have its own certificate of mailing.**